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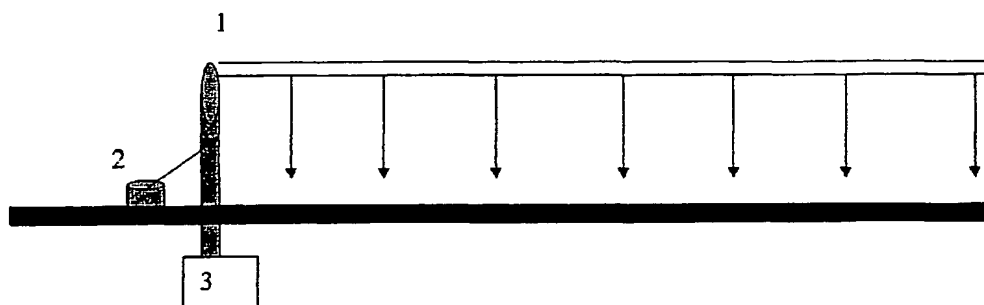
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(54) Title: NITRIFICATION INHIBITOR TREATMENT OF GRAZED PASTURE SOILS



Nitrification inhibitor applied through a centre pivot irrigation system

(57) Abstract: A nitrification inhibitor treatment used as a soil management tool on grazed pasture soils. The treatment includes the application of nitrification inhibitors in solution form and/or fine particle suspension form and/or in crystalline form to treat the whole area of grazed pasture soils to: reduce nitrate leaching; reduce nitrous oxide emissions; reduce potassium, calcium and magnesium leaching; and increase pasture production in both the animal urine patch areas and non-urine patch areas. The nitrification inhibitors can be applied in conjunction with irrigation water, by a spray vehicle or in a similar way to the application of agricultural chemicals.

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